

ABSTRACT

DEVELOPING ASSESSMENT INSTRUMENT OF SHIELDED METAL ARC WELDING COURSE AMONG THE STUDENTS OF X CLASS SMK NEGERI 2 WONOSARI

by:
Maredi Priyatmoko
NIM. 06503244029

The general objective of this research is to develop assessment of learning subject of Shielded Metal Arc Welding that can give information for schools, both in terms of content, scope, and format. While the specific objective are to know: (1) How is the procedure the development assessment of learning in the subject of Shielded Metal Arc Welding, (2) How is the feasibility the development assessment of learning in the subject of Shielded Metal Arc Welding that has been made, (3) How is the quality the assessment of learning in the subject Shielded Metal Arc Welding.

The method was using *Research and Development* approach. The research was done in SMK Negeri 2 Wonosari expertise Welding Engineering program. The Trial test about cognitive aspects in the subject of Shielded Metal Arc Welding was given to 32 students of X Class of Welding Engineering SMK Negeri 2 Wonosari.

The development performance assessment of learning subject of Shielded Metal Arc Welding was done through four stages: (1) the initial stage, (2) the design stage, (3) the development stage, and (4) the trial test stage or implementation. Based on the results of the feasibility test the assessment of learning subject of Shielded Metal Arc Welding developed, according to the overall matter experts obtain a percentage of 86.25% which means feasible for use, and according to the overall evaluation expert obtain a percentage of 76.9% which means feasible to use. The trial test results assessment of learning subject of Shielded Metal Arc Welding can be known reliability coefficient of 0.777, so it can be concluded that the assessment of learning subject of Shielded Metal Arc Welding is reliable.

Key Words : Assessment, Shielded Metal Arc Welding